

Fig. 1

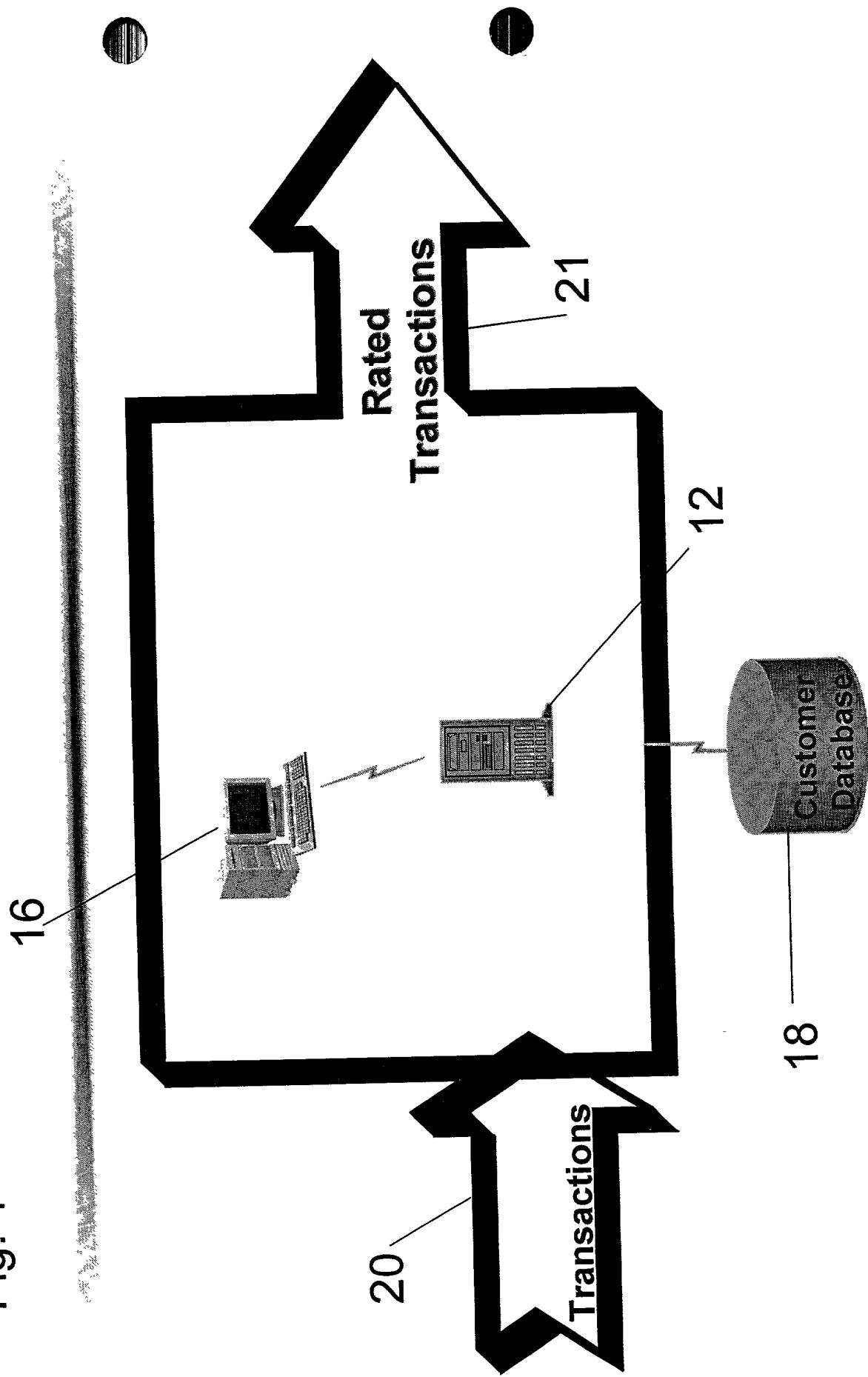
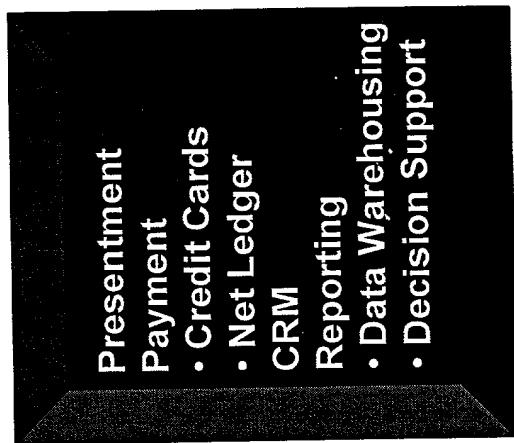
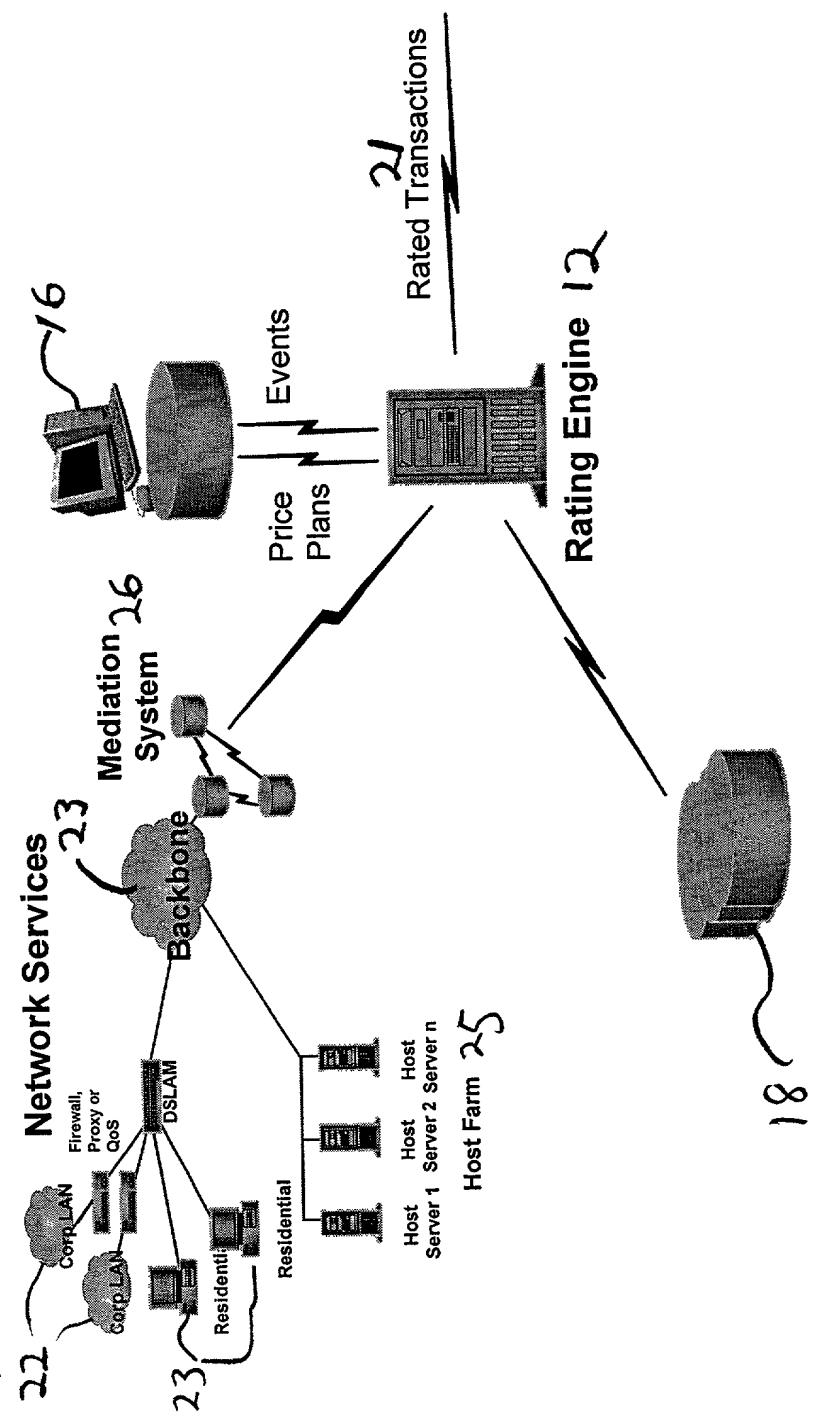


Fig. 2





The screenshot shows a Microsoft Internet Explorer window displaying an XML configuration file named 'Wireless.xml'. The file is located at 'D:\Pricemakerdemo\Server\InputComponents\Wireless.xml'. The XML content defines an 'InputComponent' with a specific event handler and stream processor configuration. The configuration includes details like file manager settings, stream processor parameters, and event types.

```
<!DOCTYPE InputComponent (view source for full doctype..)>
- <InputComponent
  eventHandlerClassName="com.rii.pricemaker.inputcomponents.skeleton.handlers.file.implementation.FileExternalEventHandler"
  batchIDOption="hourly">
- <ConfigurationData>
- <![CDATA[
    <FileExternalEventHandler>
      fileManager = "com.rii.pricemaker.inputcomponents.skeleton.handlers.file.filemanagers.RotationFileManager"
      streamProcessor = "com.rii.pricemaker.inputcomponents.skeleton.handlers.file.streamprocessors.flatformat.FlatFileProcessor"
      copyFilesOnError = false
    </FileExternalEventHandler>

    <FileManager>
      directory="demo/wireless/testdata"
      rotationFileNames="Wirelessdata.1" "Wirelessdata.2"
    </FileManager>

    <StreamProcessor>
      maxEventsPerFile=500
      eventColumn=1
      columnDelimiter=","
      <StringFormat>
        dateFormat="yyyy.MM.dd kk:mm:ss:SSS z"
        booleanTrue = "true"
        booleanFalse = "false"
        vectorDelimiter = ":"
      </StringFormat>
    </StreamProcessor>

  ]]>
</ConfigurationData>
- <Event eventType="EmailRecur" responseType="afterEventProcessing">
- <ConfigurationData>
- <![CDATA[
    <StreamProcessor>
      column = "event" : "string"
      column = "record" : "string"
      column = "customerid" : "string"
    </StreamProcessor>
  ]]>
</ConfigurationData>

```

Figure 3

Fig. 4

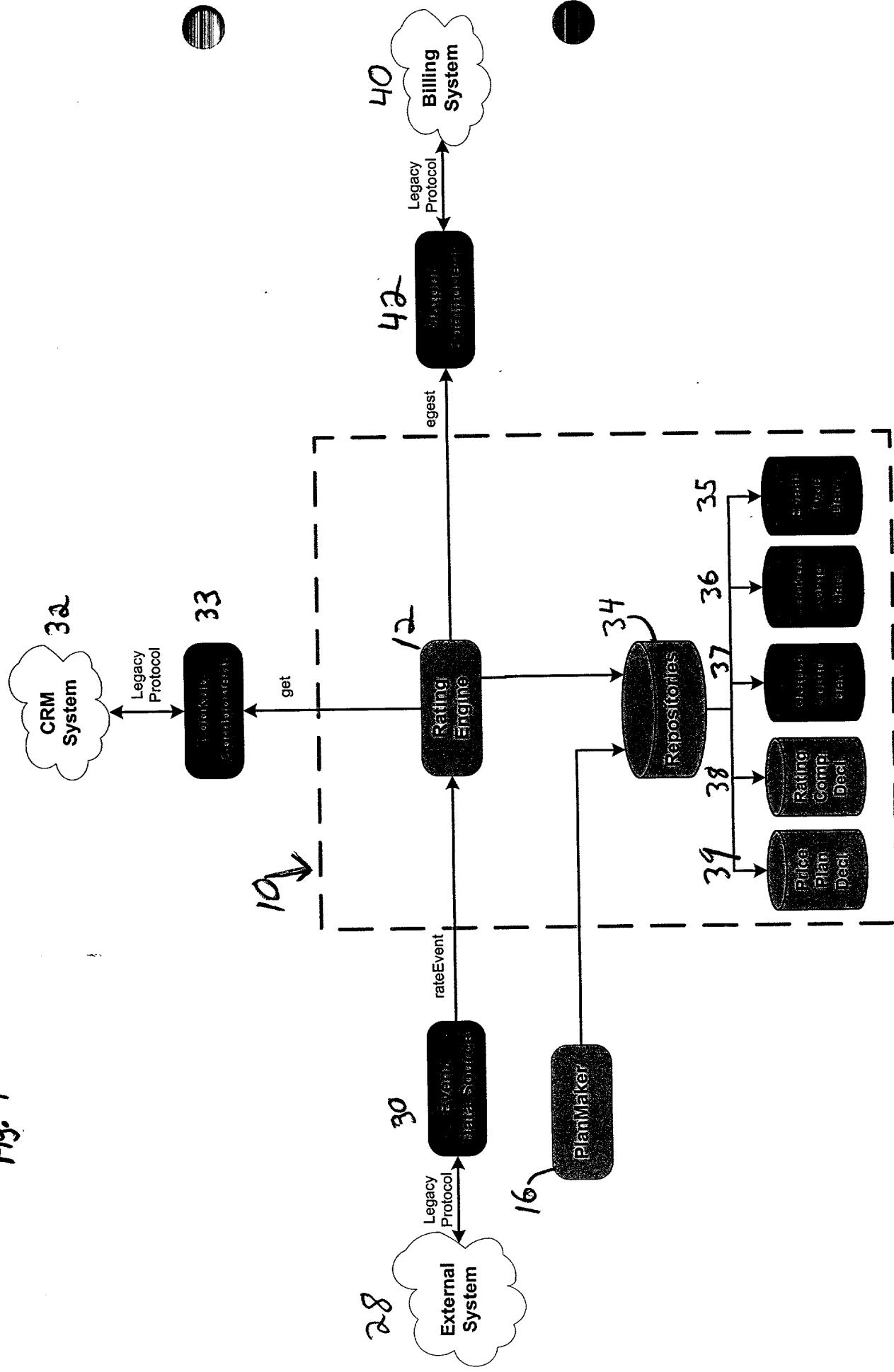
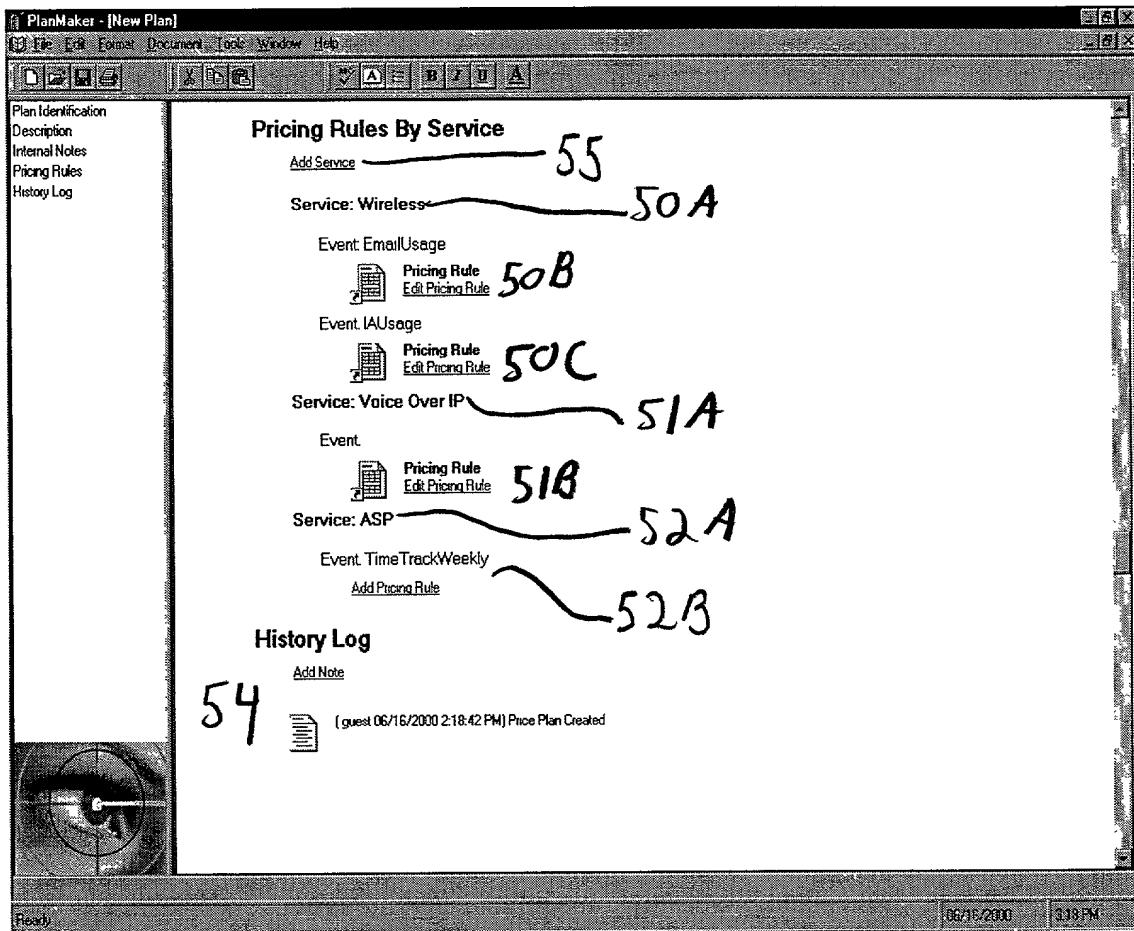


Figure 5



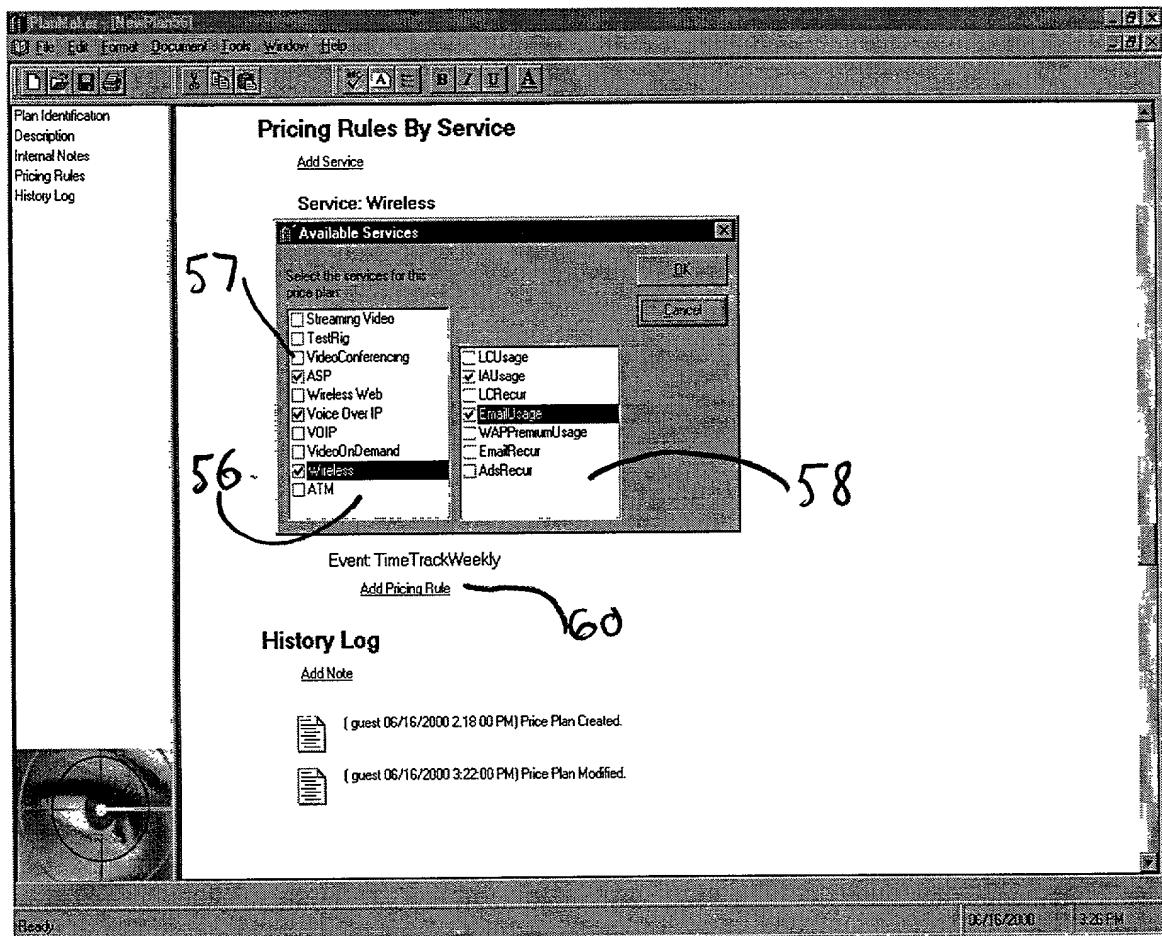


Figure 6A

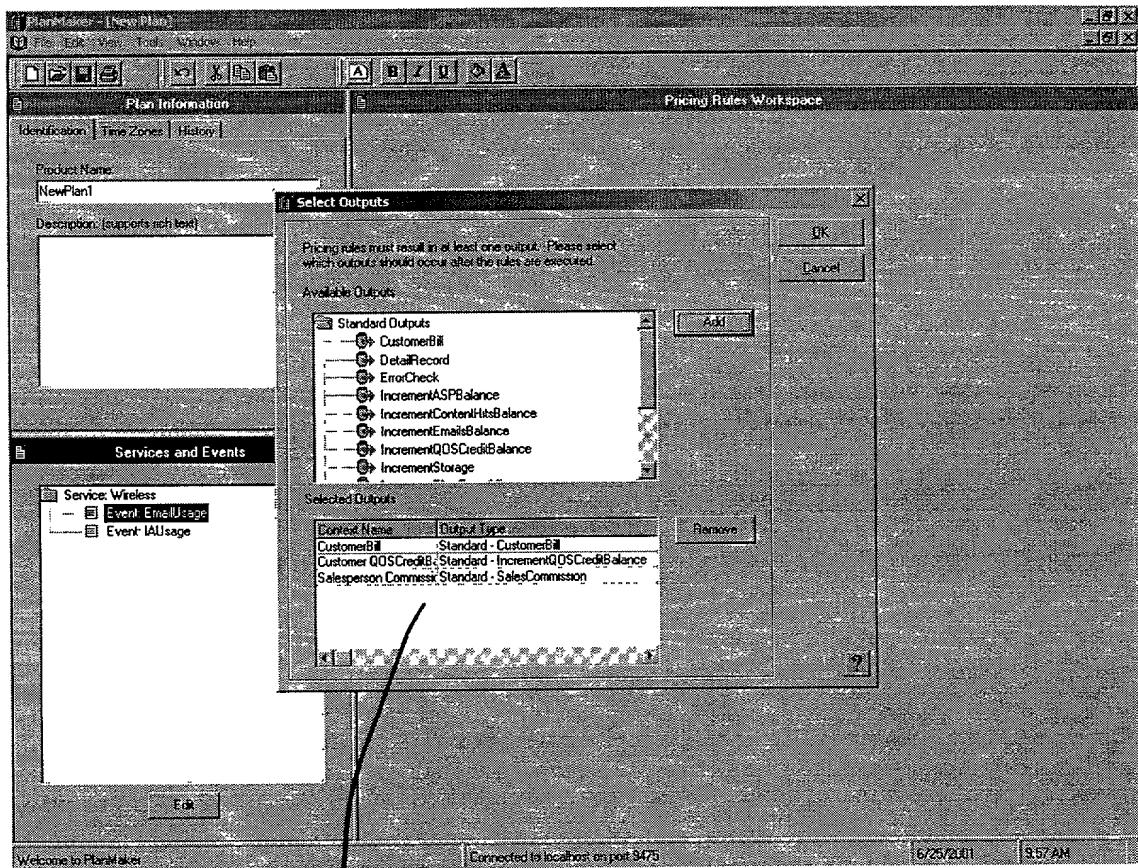


Figure 6B

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Pricing Rules					
File Edit View Insert Format Help					
Arial		10	B	Z	D
B26	=D10				
A	B	C	D	E	
1 Output: BillingRecord					
2 BillingRecord Field Names	BillingRecord	Field Values			
3 AccountID		jsmith			
4 Amount		0			
5 EventType		E-mail Sent			
6					
7 Input Field Names	Reliability Metrics	Performance Metrics	Sample Data		
8 EmailDestinationAddress	Guaranteed	Fast	me@here.com		
9 EmailBytesReceived	Guaranteed	Fast	341K		
10 EmailBytesSent	Guaranteed	Fast	431K		
11 GatewayID	Guaranteed	Fast	ADETEW		
12 EmailPriority	Guaranteed	Fast	LOW		
13 CustomerID	Guaranteed	Fast	jsmith		
14 EmailStorageServerIP	Guaranteed	Fast	234.12.854.678		
15 EmailEventTime	Guaranteed	Fast	6/15/2000 13:38		
16 CustomerDB.ContentHitsGuaranteed	Guaranteed	Fast	21		
17 CustomerDB.ContentHitsBalance	Guaranteed	Fast	931		
18 CustomerDB.EmailsGuaranteed	Guaranteed	Fast	456		
19 CustomerDB.OptInPushAds	Guaranteed	Fast	7575		
20 CustomerDB.VoiceMinutesPlan	Guaranteed	Fast	456		
21 CustomerDB.EmailsBalance	Guaranteed	Fast	1246		
22 CustomerDB.EmailDiskQuota	Guaranteed	Fast	16965		
23					
24 Calculation Workspace					
25 Quantity of Data Sent	431K				
26 Amount Total	=D10				
27					
EmailUsage					

Figure 7

A	B	C	D
1 Output Field Names	Output Formulas		
2 Amount	$4.8 = B19 - B19 * B22$		
3 AccountID	$= B12$		
4	Performance Metrics	Input Values	
5 Input Field Names	Reliability Metrics		
6 TimeStarted	Guaranteed	Fast	10:00:00
7 TimeCompleted	Guaranteed	Fast	12:00:00
8 QoSMinGood	Guaranteed	Fast	60
9 QoSMinFair	Guaranteed	Fast	30
10 QoSMinPoor	Guaranteed	Fast	30
11 HostEmailAddress	Guaranteed	Fast	don@here.com
12 AccountID	Guaranteed	Fast	A123456789
13 NumberParticipants	Guaranteed	Fast	5
14			
15 Calculation Workspace			
16 Duration in Minutes	$120 = (D7 - D4) * 24 * 60$		
17 Duration in Hours	$2 = CEILING(B16 / 60, 1)$		
18 Charge Per Hour			
19 SubTotal	$6 = B17 * B18$		
20 Eligible for Poor Discount	$= IF((0.5 * B16) < D10, TRUE, FALSE)$		
21 Eligible for Fair Discount	$= IF((0.2 * B16) < D9, TRUE, FALSE)$		
22 Discount Amount	$0.2 = IF(B20 = TRUE, 1 - IF(B21 = TRUE, 0.2, 0))$		

Gives 100% Discount if 50% of minutes rated poor  
 20% Discount if 20% of minutes rated fair

Fig 8.

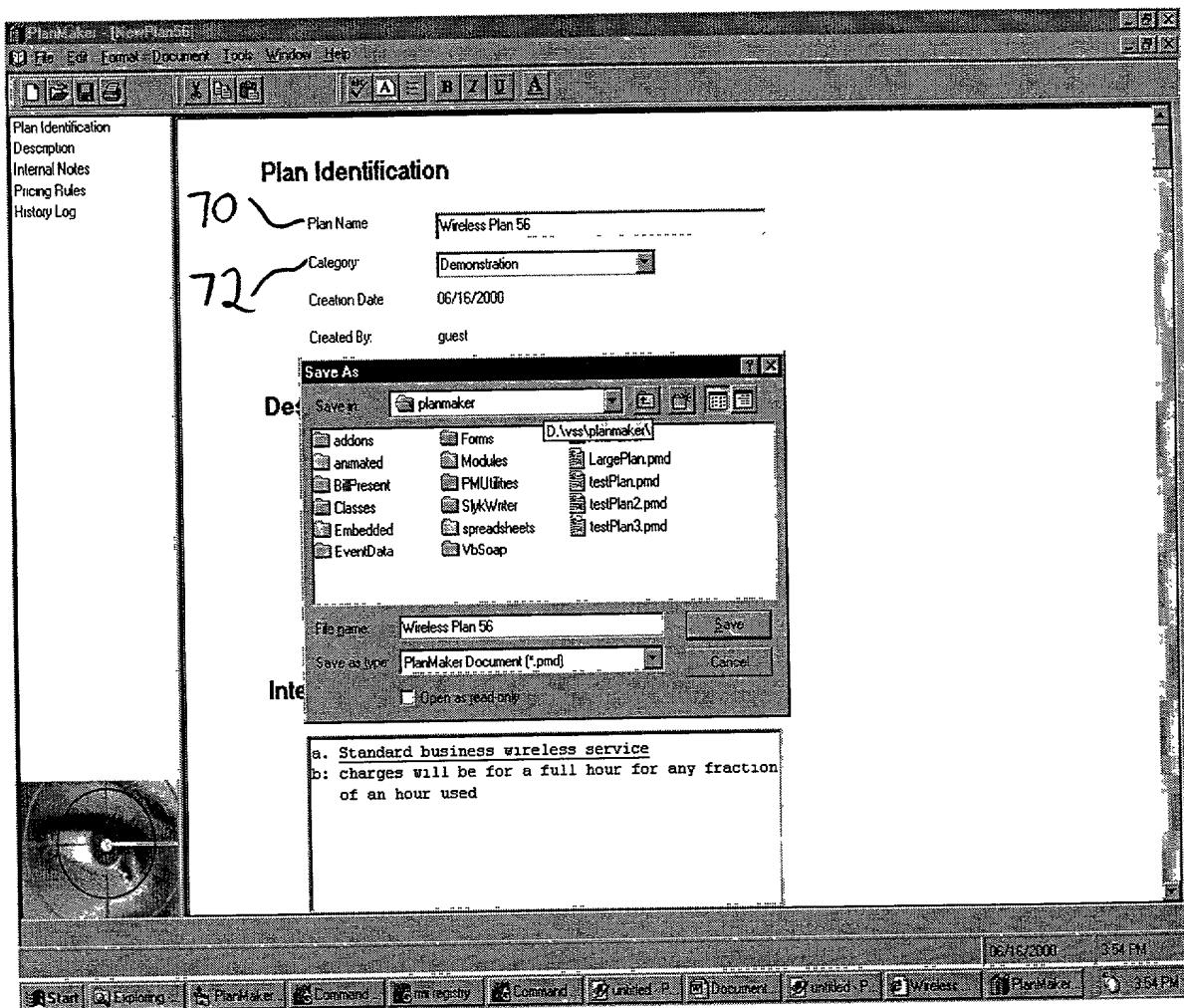


Figure 9

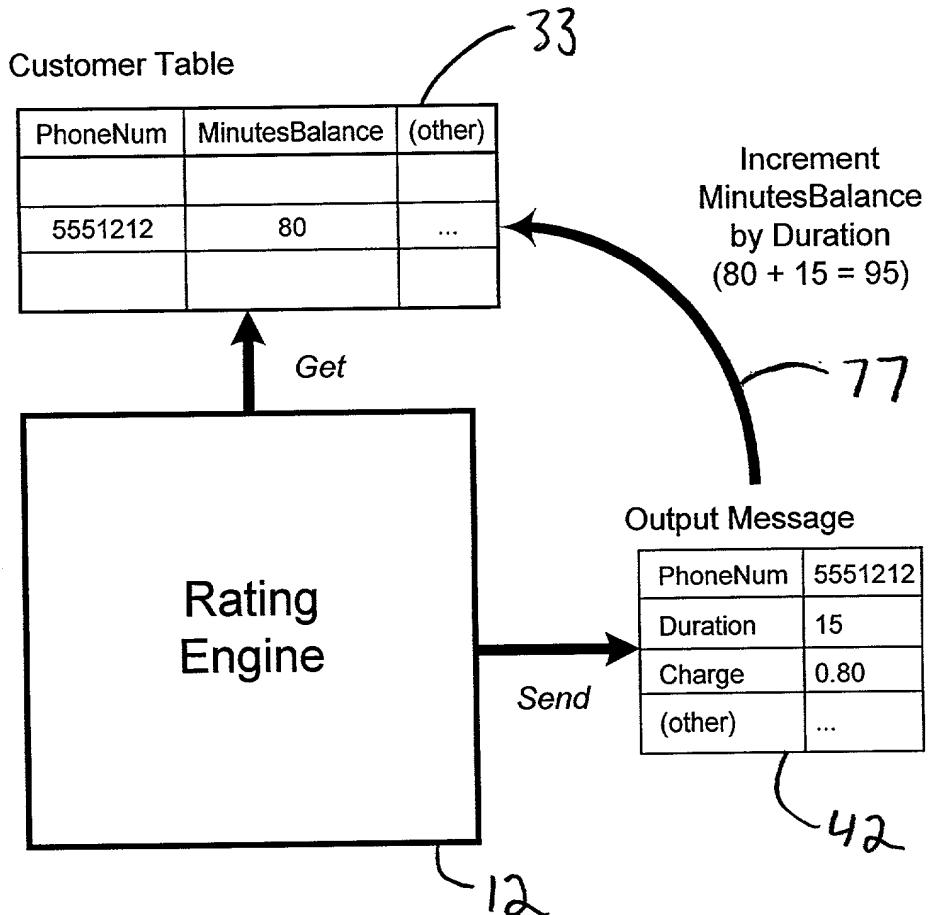


Figure 10